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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/531,703	04/18/2005	Naoki Ayai	040256-0136	3739
23392 FOLEY & LAI	7590 10/16/2007	EXAMINER		
2029 CENTURY PARK EAST			CAZAN, LIVIUS RADU	
SUITE 3500 LOS ANGELE	S, CA 90067		ART UNIT	PAPER NUMBER
•			3729	
			MAIL DATE	DEL IVERY MODE
	•		10/16/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Y		Application No.	Applicant(s)				
		10/531,703	AYAI, NAOKI				
Office Action Summary		Examiner	Art Unit				
		Livius R. Cazan	3729				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply							
A SH WHIC - Exter after - If NO - Failu Any r	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DA resions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. Period for reply is specified above, the maximum statutory period vere to reply within the set or extended period for reply will, by statute, eply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMM 36(a). In no event, however, m vill apply and will expire SIX (6, , cause the application to beco	UNICATION. ay a reply be timely filed MONTHS from the mailing date of this communicate ABANDONED (35 U.S.C. § 133).				
Status							
1)⊠	Responsive to communication(s) filed on <u>01 Al</u>	ugust 2007.					
2a)⊠	This action is FINAL . 2b) This	action is non-final.					
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Dispositi	on of Claims						
4) Claim(s) 1-6 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-6 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement.							
Applicati	on Papers						
9)[The specification is objected to by the Examine	er.					
10)	The drawing(s) filed on is/are: a) acc	epted or b) objecte	d to by the Examiner.				
	Applicant may not request that any objection to the	drawing(s) be held in at	eyance. See 37 CFR 1.85(a).	•			
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority (ınder 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
2) Notice 3) Information Paper	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date 6/6/07.	Pape 5) 🔲 Notic	iew Summary (PTO-413) No(s)/Mail Date e of Informal Patent Application				

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DETAILED ACTION

1. The amendment filed on 8/1/2007 has been fully considered and made of record.

Claim Rejections - 35 USC § 102

- 2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
- 3. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Li (US5942466 to Li et al.).

See the Office Action mailed on 5/4/2007. The rejection still applies to the claims as amended and is maintained.

Response to Arguments

4. Applicant's arguments filed 8/1/2007 have been fully considered but they are not persuasive. Applicant argues that Li does not disclose non-superconducting phases containing Pb, nor a ratio of non-superconducting phases to superconducting phases of 5 wt% or less. The examiner respectfully disagrees. In particular, Li discloses wanting to minimize the quantity of non-superconducting phases containing Pb (see col. 9, Ins. 35-59, especially Ins. 35-40 and 48-59), and discloses insignificant amounts of Ca₂PbO₄ for a temperature of 750 degrees C and 0.01 atm (see col. 10, Ins. 55-67). This certainly meets the limitation of having a ratio of non-superconducting phases to superconducting phases of between 0 and 5 wt%, even if the are no superconducting phases containing Pb (i.e. corresponding to a ratio of 0), though Li suggests very small quantities of Pb-containing non-superconducting phases. Therefore the rejection is maintained.

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Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Livius R. Cazan whose telephone number is (571) 272-8032. The examiner can normally be reached on 8:00AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo can be reached on (571)272-4690. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/LRC/ 10/6/2007

PETER VO SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 3700